

Union Calendar No. 265

103D CONGRESS
2D SESSION

H. R. 3476

[Report No. 103-473]

A BILL

To amend the National Science and Technology Policy, Organization, and Priorities Act of 1976, and for other purposes.

APRIL 12, 1994

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

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IN THE HOUSE OF REPRESENTATIVES

NOVEMBER 9, 1993

Mr. BOUCHER (for himself, Mr. BROWN of California, and Mr. BOEHLERT)
introduced the following bill; which was referred to the Committee on
Science, Space, and Technology

APRIL 12, 1994

Reported with an amendment, committed to the Committee of the Whole
House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italic]

[For text of introduced bill, see copy of bill as introduced on November 9, 1993]

A BILL

To amend the National Science and Technology Policy, Orga-
nization, and Priorities Act of 1976, and for other
purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2 *This Act may be cited as the “National Science and*
3 *Technology Policy, Organization, and Priorities Act*
4 *Amendments of 1994”.*

5 **SEC. 2. POLICY AND PRIORITIES.**

6 (a) *FINDINGS.*—*Section 101 of the National Science*
7 *and Technology Policy, Organization, and Priorities Act of*
8 *1976 (42 U.S.C. 6601) is amended—*

9 (1) *in subsection (a)(5), by striking “manpower”*
10 *and inserting in lieu thereof “human resource”; and*

11 (2) *in subsection (b)(1), by striking “man and*
12 *his universe” and inserting in lieu thereof “humans*
13 *and their universe”.*

14 (b) *DECLARATION OF POLICY.*—*Section 102 of the Na-*
15 *tional Science and Technology Policy, Organization, and*
16 *Priorities Act of 1976 (42 U.S.C. 6602) is amended—*

17 (1) *in subsection (a)—*

18 (A) *by redesignating paragraphs (2)*
19 *through (6) as paragraphs (3) through (7), re-*
20 *spectively; and*

21 (B) *by inserting after paragraph (1) the fol-*
22 *lowing new paragraph:*

23 “(2) *The United States should be among the*
24 *world leaders in all major areas of science, and*
25 *should maintain clear leadership in selected major*
26 *areas of science. The decision to select a field for clear*

1 *leadership should be based on the societal goals identi-*
2 *fied under section 205(b)(2).”;*

3 *(2) in subsection (b)—*

4 *(A) by redesignating paragraphs (2)*
5 *through (6) as paragraphs (3) through (7), re-*
6 *spectively;*

7 *(B) by inserting after paragraph (1) the fol-*
8 *lowing new paragraph:*

9 *“(2) The Federal Government should cooperate*
10 *with the private sector to ensure that technological*
11 *leadership exists within the United States in those*
12 *technologies that promise to have a major and con-*
13 *tinuing impact on the growth and future vitality of*
14 *the United States economy.”; and*

15 *(C) in paragraph (4), as so redesignated by*
16 *subparagraph (A) of this paragraph, by striking*
17 *“It is further an appropriate Federal function to*
18 *support” and inserting in lieu thereof “The Fed-*
19 *eral Government has a responsibility to support*
20 *key”;* and

21 *(3) in subsection (c)—*

22 *(A) by striking “coordinate procedures are*
23 *of paramount importance” and inserting in lieu*
24 *thereof “steps should be taken”;* and

1 (B) in paragraph (1), by inserting “devel-
2 opment and” after “policy should encourage
3 the”.

4 **SEC. 3. OFFICE OF SCIENCE AND TECHNOLOGY POLICY.**

5 (a) *FUNCTIONS.*—Section 204 of the National Science
6 and Technology Policy, Organization, and Priorities Act of
7 1976 (42 U.S.C. 6613) is amended to read as follows:

8 “FUNCTIONS

9 “SEC. 204. (a) The primary functions of the Office and
10 the Director are to—

11 “(1) recommend to the President those science
12 and technology priorities which will best contribute to
13 achieving the societal goals identified under section
14 205(b)(2);

15 “(2) ensure the development of a coordinated
16 Federal research and development budget to imple-
17 ment the President’s science and technology priorities
18 in accordance with section 205;

19 “(3) provide, within the Executive Office of the
20 President, advice on the scientific, engineering, and
21 technological aspects of issues that require attention
22 at the highest levels of Government; and

23 “(4) perform analyses of the adequacy of the
24 science and technology base and the health of the re-
25 search enterprise of the Nation.

1 “(b) In addition to such other functions and activities
2 as the President may assign, the Director shall—

3 “(1) advise and make policy recommendations to
4 the President, and various components of the Execu-
5 tive Office of the President that formulate national
6 policy, on scientific and technological considerations
7 involved in areas of national concern including, but
8 not limited to, the economy, national security, health,
9 foreign relations and international scientific and
10 technological cooperation, the environment, and the
11 technological recovery and use of resources;

12 “(2) evaluate the scale, quality, and effectiveness
13 of the Federal effort in science and technology and ad-
14 vise on appropriate actions;

15 “(3) assist the President in providing general
16 leadership and coordination of the research and devel-
17 opment programs of the Federal Government; and

18 “(4) cooperate with the States in carrying out
19 responsibilities under this section.

20 “(c) Executive departments and agencies shall to the
21 extent practicable provide, upon the request of the Director,
22 such services, personnel, equipment, facilities, and informa-
23 tion (including estimates, statistics, and technical assist-
24 ance) as may be necessary for carrying out the functions
25 of the Office, and as may be available to or procurable by

1 *such department or agency from public or private agencies*
 2 *and organizations and individuals, in order to avoid dupli-*
 3 *cation of effort and expense. The Director may transfer*
 4 *funds made available pursuant to this Act to other Federal*
 5 *agencies as reimbursement for the utilization of such serv-*
 6 *ices, personnel, equipment, and facilities.”.*

7 *(b) SETTING SCIENCE AND TECHNOLOGY BUDGET PRI-*
 8 *ORITIES.—The National Science and Technology Policy,*
 9 *Organization, and Priorities Act of 1976 is amended—*

10 *(1) by striking section 206;*

11 *(2) by redesignating section 205 as section 206;*

12 *and*

13 *(3) by inserting after section 204 the following*
 14 *new section:*

15 *“SETTING SCIENCE AND TECHNOLOGY BUDGET PRIORITIES*

16 *“SEC. 205. (a) The Director, in conjunction with the*
 17 *National Science and Technology Council established under*
 18 *title IV, shall ensure that the Federal research and develop-*
 19 *ment budget conforms to the President’s overall science and*
 20 *technology priorities. In carrying out this function, the Di-*
 21 *rector shall—*

22 *“(1) at the beginning of each Executive Branch*
 23 *budget formulation cycle, work with the Office of*
 24 *Management and Budget to develop and issue guid-*
 25 *ance to the Federal departments and agencies as to*

1 *the science and technology priorities to be included in*
2 *the President's budget;*

3 *“(2) review department and agency budget sub-*
4 *missions received from the Office of Management and*
5 *Budget for compliance with the initial guidance on*
6 *science and technology priorities provided in para-*
7 *graph (1) and assist the Director of the Office of*
8 *Management and Budget in developing the budget de-*
9 *terminations provided by the Office of Management*
10 *and Budget to each Federal department and agency;*
11 *and*

12 *“(3) provide other assistance to the Office of*
13 *Management and Budget and the departments and*
14 *agencies throughout the budget development process as*
15 *appropriate.*

16 *The Office of Management and Budget shall work with the*
17 *Director as described in paragraph (1), and shall provide*
18 *to the Director, at the time of submission, the research and*
19 *development budget request of each Federal department and*
20 *agency to enable the Director to conduct the review de-*
21 *scribed in paragraph (2).*

22 *“(b) The President, in consultation with the Director*
23 *of the Office of Science and Technology Policy and the Di-*
24 *rector of the Office of Management and Budget, shall pre-*
25 *pare an analysis of research and development in the Federal*

1 *budget to accompany the budget submission to the Congress*
2 *each year. The analysis shall—*

3 “(1) *identify the President’s priorities for science*
4 *and technology;*

5 “(2) *identify the societal goals the priorities*
6 *identified under paragraph (1) are designed to ad-*
7 *dress;*

8 “(3) *present a consolidated research and develop-*
9 *ment budget, identifying the funding levels for re-*
10 *search and development in each department and*
11 *agency;*

12 “(4) *identify the major categories of research and*
13 *development funded by Federal departments and*
14 *agencies and any multi-agency research initiatives,*
15 *and identify the funding levels for each of those cat-*
16 *egories and initiatives in each participating depart-*
17 *ment and agency; and*

18 “(5) *provide an explanation of any proposed*
19 *changes in research and development funding from*
20 *the previous fiscal year’s appropriation levels, includ-*
21 *ing a statement of how any proposed changes reflect*
22 *the priorities identified under paragraph (1).”.*

23 (c) *POLICY PLANNING, ANALYSIS, AND ADVICE.—Sec-*
24 *tion 206 of the National Science and Technology Policy,*
25 *Organization, and Priorities Act of 1976 (42 U.S.C. 6614),*

1 *as so redesignated by subsection (b)(2) of this section, is*
2 *amended—*

3 (1) *by striking “(a)” before “The Office shall*
4 *serve”;*

5 (2) *by striking subsection (b);*

6 (3) *in paragraph (1), by striking “national” and*
7 *inserting in lieu thereof “regional, national,”;*

8 (4) *in paragraph (2), by striking “the Science*
9 *and Technology Report, in accordance with section*
10 *209 of” and inserting in lieu thereof “reports required*
11 *by”;*

12 (5) *in paragraph (5), by striking “national” and*
13 *inserting in lieu thereof “regional, national,”;*

14 (6) *in paragraph (11), by striking “, pursuant*
15 *to section 206 of this Act”;* and

16 (7) *in paragraph (12), by striking “section*
17 *102(a)(6)” and inserting in lieu thereof “section*
18 *102(a)(7)”.*

19 (d) *ADDITIONAL FUNCTIONS OF THE DIRECTOR; AD-*
20 *MINISTRATIVE PROVISIONS.—Section 207 of the National*
21 *Science and Technology Policy, Organization, and Prior-*
22 *ities Act of 1976 (42 U.S.C. 6616) is amended—*

23 (1) *by striking subsection (a);*

24 (2) *by redesignating subsections (b) and (c) as*
25 *subsections (a) and (b), respectively; and*

1 (3) in subsection (b), as so redesignated by para-
2 graph (2) of this subsection—

3 (A) by striking “his functions” and insert-
4 ing in lieu thereof “functions”;

5 (B) by redesignating paragraphs (2) and
6 (3) as paragraphs (3) and (4), respectively;

7 (C) by striking paragraph (1) and inserting
8 in lieu thereof the following new paragraphs:

9 “(1) appoint and fix the compensation of such
10 officers and employees as are necessary to perform the
11 functions vested in the Director without regard to the
12 provisions of title 5 of the United States Code govern-
13 ing appointments and compensation in the Federal
14 service, at rates not to exceed the rate of pay for level
15 IV of the Executive Schedule as provided pursuant to
16 section 5315 of title 5, United States Code, and to
17 prescribe their duties;

18 “(2) provide for participation of such civilian
19 and military personnel as may be detailed to the Of-
20 fice as the Director may need or believe to be useful
21 for carrying out the functions of the Director;”;

22 (D) by striking “and” at the end of para-
23 graph (3), as so redesignated by subparagraph
24 (B) of this paragraph;

1 (E) in paragraph (4), as so redesignated by
2 subparagraph (B) of this paragraph—

3 (i) by striking “he deems” and insert-
4 ing in lieu thereof “are”; and

5 (ii) by striking the period at the end
6 and inserting in lieu thereof “; and”; and

7 (F) by adding at the end the following new
8 paragraph:

9 “(5) accept voluntary and uncompensated serv-
10 ices, notwithstanding the provisions of section 1342 of
11 title 31, United States Code.”.

12 (e) COORDINATION WITH OTHER ORGANIZATIONS.—
13 Section 208 of the National Science and Technology Policy,
14 Organization, and Priorities Act of 1976 (42 U.S.C. 6617)
15 is amended—

16 (1) in subsection (a), by striking “his”;

17 (2) in subsection (a)(1), by striking “Domestic
18 Council, the National Security Council, the Council
19 on Environmental Quality,” and inserting in lieu
20 thereof “various components of the Executive Office of
21 the President that formulate national policy, includ-
22 ing the National Security Council,”;

23 (3) in subsection (a)(2), by striking “he deems”
24 and inserting in lieu thereof “are”;

1 (4) in subsection (a)(3), by striking “he deems”
2 and inserting in lieu thereof “are”;

3 (5) by amending subsection (a)(4) to read as fol-
4 lows:

5 “(4) solicit the advice of the National Science
6 Board on science and technology issues of broad na-
7 tional importance.”; and

8 (6) by striking subsections (b) and (c) and in-
9 serting in lieu thereof the following:

10 “(b) The Director shall make scientific and techno-
11 logical cooperation with the States a priority. The Director
12 shall—

13 “(1) on matters affecting the States, ensure the
14 representation of the States in Federal policy develop-
15 ment and encourage State representation on key pol-
16 icy bodies and program initiatives; and

17 “(2) periodically convene meetings with State
18 government representatives and Federal and other
19 leaders to assess the effectiveness of Federal-State co-
20 operation.”.

21 **SEC. 4. PRESIDENT'S COMMITTEE OF ADVISORS ON**
22 **SCIENCE AND TECHNOLOGY.**

23 Title III of the National Science and Technology Pol-
24 icy, Organization, and Priorities Act of 1976 (42 U.S.C.
25 6631 et seq.) is amended to read as follows:

1 *“TITLE III—PRESIDENT’S COMMITTEE OF*
2 *ADVISORS ON SCIENCE AND TECHNOLOGY*
3 *“ESTABLISHMENT*

4 *“SEC. 301. (a) The President shall establish within the*
5 *Executive Office of the President the President’s Committee*
6 *of Advisors on Science and Technology (hereinafter referred*
7 *to as the ‘Committee of Advisors’).*

8 *“(b) The President shall appoint members of the Com-*
9 *mittee of Advisors not later than 90 days after the date of*
10 *enactment of the National Science and Technology Policy,*
11 *Organization, and Priorities Act Amendments of 1994.*

12 *“MEMBERSHIP*

13 *“SEC. 302. The Committee of Advisors shall consist*
14 *of—*

15 *“(1) the Director of the Office of Science and*
16 *Technology Policy, or another official of the Executive*
17 *Office of the President, to be designated by the Presi-*
18 *dent, who performs similar functions;*

19 *“(2) not more than 14 other members appointed*
20 *by the President, for such periods as the President*
21 *may determine; and*

22 *“(3) one member of the National Science Board,*
23 *who shall be selected by the President from among the*
24 *members of that Board.*

1 “QUALIFICATIONS

2 “SEC. 303. (a) Members of the Committee of Advisors
3 appointed by the President pursuant to section 302(2)
4 shall—

5 “(1) be eminent in one or more areas of science,
6 engineering, technology, information dissemination,
7 education, or public affairs;

8 “(2) be acknowledged experts in their respective
9 fields of expertise and be selected solely on the basis
10 of established records of distinguished service;

11 “(3) collectively constitute a balanced composi-
12 tion with respect to—

13 “(A) fields of science, engineering, and tech-
14 nology; and

15 “(B) academic, industrial, and government
16 experience; and

17 “(4) be so selected as to provide the views of sci-
18 entific and engineering leaders in all regions of the
19 Nation.

20 “(b) In making nominations under this section, the
21 President shall give due regard to equitable representation
22 of scientists and engineers who are women or members of
23 minority groups.

24 “(c) The member described in section 302(1) shall
25 chair the Committee of Advisors and a non-Federal sector

1 *member selected by the Committee of Advisors shall serve*
2 *as Vice Chair.*

3 *“DUTIES AND FUNCTIONS*

4 *“SEC. 304. The Committee of Advisors shall—*

5 *“(1) upon request, critically assess and provide*
6 *advice and recommendations to the President on*
7 *science and technology policies, priorities, programs,*
8 *and issues confronting the Nation;*

9 *“(2) assist the National Science and Technology*
10 *Council in securing private sector involvement in the*
11 *development of advice and recommendations on*
12 *science and technology policies, priorities, programs,*
13 *and issues confronting the Nation; and*

14 *“(3) perform other duties as requested by the*
15 *President.*

16 *“ADMINISTRATION*

17 *“SEC. 305. (a) The Office of Science and Technology*
18 *Policy shall provide such administrative services to the*
19 *Committee of Advisors as may be required.*

20 *“(b) The heads of Federal departments and agencies*
21 *shall, to the extent permitted by law, provide the Committee*
22 *of Advisors such information with respect to scientific and*
23 *technological matters as is required for the purpose of carry-*
24 *ing out its functions.*

25 *“(c) Section 14 of the Federal Advisory Committee Act*
26 *shall not apply to the Committee of Advisors.”.*

1 **SEC. 5. NATIONAL SCIENCE AND TECHNOLOGY COUNCIL.**

2 (a) *IN GENERAL.*—Title IV of the National Science
3 and Technology Policy, Organization, and Priorities Act of
4 1976 (42 U.S.C. 6651 et seq.) is amended to read as follows:

5 “TITLE IV—NATIONAL SCIENCE AND
6 TECHNOLOGY COUNCIL

7 “ESTABLISHMENT

8 “SEC. 401. There is established in the Executive Office
9 of the President the National Science and Technology Coun-
10 cil (hereinafter referred to as the ‘Council’).

11 “MEMBERSHIP

12 “SEC. 402. The Council shall be composed of—

13 “(1) the President, who shall serve as Chair;

14 “(2) the Vice-President;

15 “(3) the Director of the Office of Science and
16 Technology Policy, or another official of the Executive
17 Office of the President, to be designated by the Presi-
18 dent, who performs similar functions;

19 “(4) the Secretary of Agriculture;

20 “(5) the Secretary of Commerce;

21 “(6) the Secretary of Defense;

22 “(7) the Secretary of Education;

23 “(8) the Secretary of Energy;

24 “(9) the Secretary of Health and Human Serv-
25 ices;

26 “(10) the Secretary of the Interior;

1 “(11) the Secretary of State;

2 “(12) the Administrator of the National Aero-
3 nautics and Space Administration;

4 “(13) the Director of the National Science Foun-
5 dation;

6 “(14) the Director of the National Institutes of
7 Health;

8 “(15) the Administrator of the Environmental
9 Protection Agency;

10 “(16) the Chair of the Council of Economic Ad-
11 visers;

12 “(17) the Director of the Office of Management
13 and Budget;

14 “(18) the National Security Adviser; and

15 “(19) such other officials of executive depart-
16 ments and agencies as the President may, from time
17 to time, designate.

18 “MEETINGS

19 “SEC. 403. The President, or upon his direction, the
20 member described in section 402(3), may convene meetings
21 of the Council. The President shall preside over the meetings
22 of the Council, except that in his absence the Vice President
23 and in his absence the member described in section 402(3),
24 shall preside.

1 *“DUTIES AND FUNCTIONS*

2 *“SEC. 404. (a) The Council shall consider problems*
3 *and developments in the fields of science, engineering, and*
4 *technology, and related activities affecting more than one*
5 *Federal agency, and shall develop policies and other meas-*
6 *ures designed to—*

7 *“(1) provide more effective planning and admin-*
8 *istration of Federal scientific, engineering, and tech-*
9 *nological programs;*

10 *“(2) ensure that science and technology policy*
11 *decisions and programs are consistent with the Presi-*
12 *dent’s stated goals;*

13 *“(3) ensure the adequacy of and achieve effective*
14 *utilization of the scientific, engineering, and techno-*
15 *logical resources and facilities of Federal agencies, in-*
16 *cluding the elimination of unwarranted duplication;*
17 *and*

18 *“(4) further international cooperation in science,*
19 *engineering, and technology.*

20 *“(b) The Council shall assume the responsibilities and*
21 *authorities of the National Critical Materials Council and*
22 *the Federal Coordinating Council for Science, Engineering,*
23 *and Technology. The Council shall coordinate as necessary*
24 *with the National Security Council in carrying out the*

1 *former responsibilities of the National Critical Materials*
2 *Council.*

3 “(c) *The Council shall perform such other related du-*
4 *ties as shall be assigned by the President.*

5 “(d) *In exercising its duties and functions the Coun-*
6 *cil—*

7 “(1) *shall work closely with the heads of all rel-*
8 *evant Federal departments and agencies;*

9 “(2) *may utilize consultants and representatives*
10 *of industry, academia, and State and local govern-*
11 *ments;*

12 “(3) *shall hold hearings in various parts of the*
13 *Nation as necessary; and*

14 “(4) *shall avoid duplication of effort and ex-*
15 *pense.*

16 “RESEARCH AND DEVELOPMENT BUDGET COORDINATION

17 “SEC. 405. (a) *In coordinating science and technology*
18 *policy, including research and development budget requests,*
19 *the Council shall—*

20 “(1) *appraise progress in science and technology*
21 *in relation to the societal goals identified under sec-*
22 *tion 205(b)(2), and determine the desired level of Fed-*
23 *eral investment in science and technology;*

24 “(2) *identify priorities for allocating Federal*
25 *funds among expenditure areas in science and tech-*
26 *nology in order to address the societal goals identified*

1 under section 205(b)(2), including the selection of
2 multi-agency research and development initiatives;

3 “(3) consider the ways in which scientific and
4 technical knowledge and principles can be applied to
5 achieving the societal goals identified under section
6 205(b)(2); and

7 “(4) ensure the coordination of Federal science
8 and technology programs and eliminate unnecessary
9 duplication of effort among these programs.

10 “(b) Executive departments and agencies shall to the
11 extent practicable make resources, including personnel, of-
12 fice support, and printing, available to the Council. Such
13 assistance may include—

14 “(1) detailing employees to the Council to per-
15 form such functions, consistent with the purposes of
16 this title, as the President may assign to them; and

17 “(2) undertaking, upon request of the President,
18 special studies.

19 “INTERAGENCY WORKING GROUPS

20 “SEC. 406. (a) The Council is authorized to establish,
21 for the purpose of conducting studies and making reports
22 as directed by the President, Interagency Working Groups
23 of the Council, and shall designate the subject areas and
24 membership of the Interagency Working Groups and oversee
25 their work.

1 “(b) *The Interagency Working Groups shall assist the*
2 *Council in carrying out its duties and functions by—*

3 “(1) *developing detailed plans, including fund-*
4 *ing requirements for multi-agency research and devel-*
5 *opment initiatives, and serve as a forum for coordi-*
6 *nating agency activities in implementing such initia-*
7 *tives;*

8 “(2) *defining a coherent approach for applying*
9 *science and technology to specific emerging national*
10 *problems;*

11 “(3) *gathering timely and authoritative informa-*
12 *tion on developments in science and technology to de-*
13 *termine how such developments are affecting the*
14 *achievement of the policy set forth in section 102 of*
15 *this Act;*

16 “(4) *initiating studies to determine which of the*
17 *scientific and technological alternatives available will*
18 *best contribute to achieving the societal goals identi-*
19 *fied under section 205(b)(2);*

20 “(5) *reviewing and appraising various science*
21 *and technology related activities of the Federal Gov-*
22 *ernment to determine the extent to which such activi-*
23 *ties are contributing to the achievement of the societal*
24 *goals identified under section 205(b)(2), and make*

1 *recommendations to the President as appropriate;*
 2 *and*

3 “(6) *performing other duties as requested by the*
 4 *President or the Council.*”.

5 (b) *REPEALS.*—Sections 202(b), 203, 207, 208, 209,
 6 210, and 211 of the National Critical Materials Act of 1984
 7 are repealed.

8 **SEC. 6. NATIONAL SCIENCES AND TECHNOLOGIES ASSESS-**
 9 **MENT PANEL.**

10 (a) *ESTABLISHMENT.*—Section 601 of the National
 11 Science and Technology Policy, Organization, and Prior-
 12 ities Act of 1976 (42 U.S.C. 6681) is amended to read as
 13 follows:

14 “ESTABLISHMENT

15 “SEC. 601. The Director of the Office of Science and
 16 Technology Policy shall establish within that office a Na-
 17 tional Sciences and Technologies Assessment Panel (here-
 18 after in this title referred to as the ‘panel’). The panel shall
 19 prepare the biennial national critical technologies report re-
 20 quired under section 603, and the annual assessment re-
 21 quired under section 604.”.

22 (b) *MEMBERSHIP.*—Section 602 of the National
 23 Science and Technology Policy, Organization, and Prior-
 24 ities Act of 1976 (42 U.S.C. 6682) is amended—

25 (1) in subsection (a), by striking “13 members”
 26 and inserting in lieu thereof “the Director of the Of-

1 *fice of Science and Technology Policy, who shall serve*
 2 *as Chairman, and 14 other”;*

3 *(2) in subsection (a)(1), by striking “nine mem-*
 4 *bers” and all that follows through “shall be ap-*
 5 *pointed” and insert in lieu thereof “8 members”;*

6 *(3) by adding at the end of subsection (a) the fol-*
 7 *lowing new paragraphs:*

8 *“(6) The Secretary of Health and Human Serv-*
 9 *ices shall appoint one member, who shall be an offi-*
 10 *cial of the National Institutes of Health.*

11 *“(7) The Director of the National Science Foun-*
 12 *dation shall appoint one member, who shall be an of-*
 13 *ficial of that agency.”;*

14 *(4) in subsection (b)(1), by striking “(a)(1)(B)”*
 15 *and inserting in lieu thereof “(a)(1)”;* and

16 *(5) by striking subsection (c).*

17 *(c) NATIONAL PERFORMANCE ASSESSMENTS FOR RE-*
 18 *SEARCH.—The National Science and Technology Policy,*
 19 *Organization, and Priorities Act of 1976 is amended—*

20 *(1) by striking section 605;*

21 *(2) by redesignating section 604 as section 605;*
 22 *and*

23 *(3) by inserting after section 603 the following*
 24 *new section:*

1 “NATIONAL PERFORMANCE ASSESSMENTS FOR RESEARCH

2 “SEC. 604. (a) The panel shall submit to the President
3 an annual report on the Nation’s performance in selected
4 major fields of research, incorporating the results of con-
5 sultation described in subsection (d).

6 “(b) Each such report shall include, with respect to
7 each selected major field of research—

8 “(1) a review of the relative performance of the
9 United States as compared to that of other nations;

10 “(2) an estimate of the trend in relative perform-
11 ance during the next five years;

12 “(3) an assessment of the contribution of Federal
13 research and development programs to the progress
14 made in that field of research;

15 “(4) the factors that are likely to affect the Na-
16 tion’s performance in the next five years, with par-
17 ticular attention to those factors that may adversely
18 affect relative performance; and

19 “(5) recommendations for any Federal policy
20 changes necessary to improve the Nation’s research
21 performance, and a review of the implementation of
22 any recommendations made in previous reports under
23 this paragraph.

1 “(c) Each major field of research shall be treated in
2 an annual assessment report at least once in each five year
3 period.

4 “(d) In preparing the report the panel shall consult
5 extensively with appropriate public and private organiza-
6 tions and individuals capable of providing independent and
7 knowledgeable assessments. Such organizations and indi-
8 viduals shall include researchers in the subject field who re-
9 side in the United States and in other nations, researchers
10 in related fields, and those who apply research to solve prac-
11 tical problems.

12 “(e) Not later than 30 days after the date on which
13 a report is submitted to the President under this section,
14 the President shall transmit the report, together with any
15 comments that the President considers appropriate, to Con-
16 gress.”.

17 (d) ADMINISTRATION AND FUNDING OF THE PANEL.—
18 Section 605 of the National Science and Technology Policy,
19 Organization, and Priorities Act of 1976 (42 U.S.C. 6684)
20 as so redesignated by subsection (c)(2) of this section, is
21 amended by striking “Funds for” and all that follows
22 through “for that Office.”.

1 **SEC. 7. SCIENCE AND TECHNOLOGY POLICY INSTITUTE.**

2 (a) *IN GENERAL.*—The National Science and Tech-
3 nology Policy, Organization, and Priorities Act of 1976 is
4 amended by adding at the end the following new title:

5 “TITLE VII—SCIENCE AND TECHNOLOGY POLICY
6 INSTITUTE

7 “ESTABLISHMENT

8 “SEC. 701. There shall be established a federally fund-
9 ed research and development center to be known as the
10 Science and Technology Policy Institute (hereafter in this
11 title referred to as the ‘Institute’). The Critical Technologies
12 Institute, the authority for which is repealed by section 7(b)
13 of the National Science and Technology Policy, Organiza-
14 tion, and Priorities Act Amendments of 1994, may be used
15 as a basis for the establishment of the Institute.

16 “OPERATING COMMITTEE

17 “SEC. 702. (a) The Institute shall have an Operating
18 Committee, which shall provide oversight for the Institute,
19 composed of 6 members as follows:

20 “(1) The Director of the Office of Science and
21 Technology Policy, who shall be Chair of the Operat-
22 ing Committee.

23 “(2) The Director of the National Institutes of
24 Health.

25 “(3) The Director of the Advanced Research
26 Projects Agency.

1 “(4) *The Under Secretary of Commerce for Tech-*
2 *nology.*”

3 “(5) *The Director of the National Science Foun-*
4 *dation.*

5 “(6) The Under Secretary of Energy having re-
6 sponsibility for science and technology matters.

7 “(b) The Operating Committee shall meet not less than
8 four times a year.

9 “FUNCTIONS

10 “SEC. 703. The functions of the Institute shall include
11 the following:

12 “(1) Provision, upon the request of the Director
13 of the Office of Science and Technology Policy, of
14 technical support and assistance to the National
15 Science and Technology Council and its Interagency
16 Working Groups.

“(2) Initiation of studies and analyses with the approval of the Director of the Office of Science and Technology Policy (including science and technology assessments and systems analyses) of alternatives available for ensuring long-term leadership by the United States in the research, development, production capability, and application of the technologies identified in the most recent biennial report submitted to Congress by the President pursuant to section 603 of this Act, including appropriate strategies and

1 *roles for the Federal Government, State governments,*
2 *private industry, and institutions of higher edu-*
3 *cation.*

4 “(3) *The assembly of timely and authoritative*
5 *information regarding significant developments and*
6 *trends in science and technology in the United States*
7 *and abroad, with particular emphasis on information*
8 *relating to the fields of science and the technologies*
9 *identified in the most recent biennial report submit-*
10 *ted to Congress by the President pursuant to section*
11 *603 of this Act.*

12 “(4) *Analysis and interpretation of the informa-*
13 *tion referred to in paragraph (3) to determine wheth-*
14 *er such developments and trends are likely to affect*
15 *United States science and technology policies.*

16 “CONSULTATION ON INSTITUTE ACTIVITIES

17 “SEC. 704. *In carrying out the functions referred to*
18 *in section 703, personnel of the Institute shall—*

19 “(1) *consult widely with representatives from*
20 *private industry, institutions of higher education,*
21 *nonprofit institutions, and Federal and State agen-*
22 *cies; and*

23 “(2) *to the maximum extent practicable, incor-*
24 *porate information and perspectives derived from*
25 *such consultations in carrying out such functions.*

“SPONSORSHIP

1
2 *“SEC. 705. The Director of the National Science Foun-*
3 *dation, in consultation with the Chair of the Operating*
4 *Committee, shall enter into a sponsoring agreement with*
5 *respect to the Institute. The sponsoring agreement shall re-*
6 *quire that the Institute carry out the functions specified in*
7 *section 703 and such functions as the Operating Committee*
8 *may specify, consistent with section 703. The sponsoring*
9 *agreement shall be consistent with the general requirements*
10 *prescribed for such a sponsoring agreement by the Adminis-*
11 *trator for Federal Procurement Policy. Beginning in fiscal*
12 *year 1996, and in each fiscal year thereafter, only funds*
13 *appropriated to the Office of Science and Technology Policy*
14 *may be used to fund the sponsoring agreement.”.*

15 *(b) REPEAL.—Section 822 of the National Defense Au-*
16 *thorization Act for Fiscal Year 1991 (42 U.S.C. 6686), and*
17 *the table of contents relating thereto, are repealed.*

18 **SEC. 8. REPORT TO CONGRESS.**

19 *The Director of the Office of Science and Technology*
20 *Policy shall transmit to the Congress, at the time of the*
21 *President’s budget request for fiscal year 1996 and annually*
22 *thereafter, a report providing for the most recently ended*
23 *fiscal year—*

24 *(1) a listing, for each individual detailed to the*
25 *Office of Science and Technology Policy or the Na-*

1 *tional Science and Technology Council from other*
2 *Federal agencies, the pay grade and position of such*
3 *individual at the agency from which it is detailed*
4 *and the pay grade and position of such individual at*
5 *the Office of Science and Technology Policy or the*
6 *National Science and Technology Council;*

7 *(2) the number of non-Federal personnel working*
8 *for the Office of Science and Technology Policy or the*
9 *National Science and Technology Council, and the*
10 *names of the organizations sponsoring such personnel;*
11 *and*

12 *(3) a listing of the amounts contributed, in cash*
13 *or in kind, by all Federal agencies to the operation*
14 *of the Office of Science and Technology Policy or the*
15 *National Science and Technology Council, other than*
16 *amounts described in paragraph (1).*

17 **SEC. 9. SECURITY ACCESS.**

18 *No permanent employee or detailee at the Office of*
19 *Science and Technology Policy who has failed to provide,*
20 *within 30 days after beginning such employment or detail,*
21 *all information required for obtaining an Executive Office*
22 *of the President Access Pass or other appropriate security*
23 *clearance may be permitted access to the offices of the Exec-*
24 *utive Office of the President until such information is pro-*
25 *vided.*

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